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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/723,135

11/25/2003

Zohar Bogin

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11/06/2006

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EXAMINER

MARTINEZ, DAVID E

ART UNIT

PAPER NUMBER

2181

DATE MAILED: 11/06/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/723,135

Applicant(s)

BOGIN ET AL.

Examiner

David E. Martinez

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 14 August 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-8 and 27-34 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-4, 7, 8, 27-30, 33 and 34 is/are rejected.
- 7) ☒ Claim(s) 5, 6, 31 and 32 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 25 November 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119


- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO/SB/08)
- Paper No(s)/Mail Date 11/25/03, 12/5/05, 7/28/06.

- 4) ☐ Interview Summary (PTO-413)
- Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____


FRITZ FLEMING
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100
11/3/2006

DETAILED ACTION

Election/Restrictions

Applicant's election of Species 1 in the reply filed on 8/14/06 is acknowledged. Because applicant did not distinctly and specifically point out the supposed errors in the restriction requirement, the election has been treated as an election without traverse (MPEP § 818.03(a)).

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-4 and 27-30 are rejected under 35 U.S.C. 102(e) as being anticipated by US Patent Application Publication No. US Patent Application Publication No. US 2004/0260829 A1 to Husak et al. (hereinafter Husak)

1. With regards to claim 1, Husak teaches a method comprising
receiving a packet comprising one or more sample blocks of a stream comprised of one or more packets [paragraph 187, a message made up of packets (a message being a packet, and the packets being "sample blocks"), and
discarding any partial sample block of the packet that remains after detecting an end of the packet [paragraph 199].
2. With regards to claim 2, Husak teaches the method of claim 1 further comprising receiving an actual packet length for the packet, and detecting the end of the packet based upon the actual packet length [paragraph 7,].

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3. With regards to claim 3, Husak teaches the method of claim 1 further comprising detecting the end of the packet in response to receiving a sync signal of the stream [paragraph 187, detection of the end of message by using the end-of-message (eom) flag which is a sync signal].
4. With regards to claim 4, Husak teaches the method of claim 1 further comprising detecting the end of the packet in response to detecting another packet of the stream [paragraph 187].
5. With regards to claim 27, it is of the same scope as claim 1 and thus is rejected under the same rationale.
6. With regards to claim 28, it is of the same scope as claim 2 and thus is rejected under the same rationale.
7. With regards to claim 29, it is of the same scope as claim 3 and thus is rejected under the same rationale.
8. With regards to claim 30, it is of the same scope as claim 4 and thus is rejected under the same rationale.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 7 and 33 are rejected under 35 U.S.C. 103(a) as being unpatentable over US Patent Application Publication No. US 2004/0260829 A1 to Husak et al. (hereinafter Husak) in view of US Patent Application Publication No. US 2002/0018474 A1 to Assa et al. (hereinafter Assa).

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9. With regards to claim 7 Husak is silent as to the method of claim 1 further comprising transferring only complete sample blocks of the packet to a buffer of a memory. However, Assa teaches transferring only complete sample blocks of the packet to a buffer of a memory for the benefit of ultimately becoming efficient in packet transmission by providing a substantially higher data throughput [paragraphs 26 and 56].

It would have been obvious to one of ordinary skill in the art at the time of the invention to combine the teachings of Husak and Assa to transfer only complete sample blocks of the packet to a buffer of a memory for the benefit of ultimately becoming efficient in packet transmission by providing a substantially higher data throughput.

10. With regards to claim 33, it is of the same scope as claim 7 and thus is rejected under the same rationale.

Claims 8 and 34 are rejected under 35 U.S.C. 103(a) as being unpatentable over US Patent Application Publication No. US Patent Application Publication No. US 2004/0260829 A1 to Husak et al. (hereinafter Husak) in view of US Patent No. 6,747,977 to Smith et al. (hereinafter Smith).

11. With regards to claim 8, Husak is silent as to the method of claim 1 further comprising classifying any sample block having less than a defined number of bytes as a partial sample block. However, Assa teaches classifying any sample block having less than a defined number of bytes [the cells] as a partial sample block for the benefit of tracking what packets need to be discarded [column 16 line 59 to column 17 line 17].

It would have been obvious to one of ordinary skill in the art at the time of the invention to combine the teachings of Husak and Smith to classify any sample block having less than a defined number of bytes [the cells] as a partial sample block for the benefit of tracking what packets need to be discarded.

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12. With regards to claim 34, it is of the same scope as claim 8 and thus is rejected under the same rationale.

Allowable Subject Matter

Claims 5, 6, 31 and 32 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

The following is a statement of reasons for the indication of allowable subject matter:

With regards to claims 5 and 31, the prior art alone or in combination fail to teach or fairly disclose receiving an expected packet length indicative a number of complete sample blocks for the packet, receiving an actual packet length indicative of a number of complete sample blocks for the packet, and accepting the number of complete sample blocks indicated by the actual packet length despite the expected packet length indicating fewer complete sample blocks than the actual packet length in combination with the limitations found in their respective parent claims.

With regards to claim 6 and 32, the prior art alone or in combination fail to teach or fairly disclose receiving an expected packet length indicative a number of complete sample blocks for the packet, receiving an actual packet length indicative of a number of complete sample blocks for the packet, and accepting only the number of complete sample blocks of the packet indicated by the actual packet length despite the expected packet length indicating more complete sample blocks than the actual packet length in combination with the limitations found in their respective parent claims.

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

US Patent No. 5,303,302 to Burrows teaches receiving both complete and partial data packets.

US Patent Application No. US 2005/0149831 A1 to Katsavounidis et al. teaches discarding partial packets.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to David E. Martinez whose telephone number is (571) 272-4152. The examiner can normally be reached on 8:30-5:00 M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Fritz M. Fleming can be reached on 571-272-4145. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

DEM


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11/03/2006